

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070102

Delivery Order #:06

Date: 1-02-2007

Weather: Mostly Sunny

Temp. (max & min): 55 - 75

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) Dave Klein and Mark Prostko (TN&A) on site at 700 hours. Security was onsite. ERM, TRS and Gregg Drilling on site at 0700 hours. Tailgate safety meeting at 0700 hours with crews. Safety topic today was crushing, cutting and electrical hazards during use of power hand tools and impact tools.
- 2) 0815 hours MP met with Jay Dablow to go over project status.
- 3) 0920 hours MP left message with Dave Mango (City of Maywood) for information on Park metering cabinet.
- 4) 0920 to 1040 hours MP spoke with drilling crew to go over electrode installation schedule.
- 5) John Hartley (USACE) and John Wingate (TN&A) on site at 1400 hours. JH, JW, JD and MP walked the site and discussed status of condensate sumps and options for connecting existing 6" PVC and CPVC piping to recently installed sump connections. Reviewed equipment layout. Requested ERM to consider agreeing to T&M contracts to solve going problem with implementing design/build solutions. H&S deficiencies were noted in ERH area, as completed well holes had not been properly covered (listed as Item #1 under deficiencies - below).
- 6) TN&A will investigate the use of flexible 6" hose for potential use in connection of the existing 6" PVC and 6" CPVC vapor lines and the condensate sump connections.
- 7) Two (2) 20 CY full rolloff containers (drill cuttings) were removed from the site today by TRS.
- 8) Jacques Marcillac (TN&A) called the site to obtain a schedule for the USACE on site inspector (Rick Lainhart) to for signatures required to manifest the removal of one of the existing 20 CY rolloff containers on site as provided by TN&A.
- 9) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - East side of W.W. Henry Compound, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1211)	.000	.433
Upgradient (1010)	.000	.000

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Environmental Remediation, Inc.(ERM) 7:00 AM ~ 5:30 PM
(1 Supervisor, 1 Project Manager)

Neil Coy and Jay Deblow were on site at 0700 hours. Jay left site at ~0830 hours. Neil left site at 1100 hours. Jay returned to the site at 1400 hours for a project status meeting with TN&A and USACE. Left site at 1730 hours.

Innovative Construction Solutions, Inc.(ICS) 7:00 AM ~ 3:30 PM (1 Supervisor and 3 technicians)

Salvador, Fred and Jess on site at 0700 hours. John Heiser on site at 1130 hours. Crew completed the interconnecting piping of all condensate sumps (except VE-1) from the 12" PVC sump locations to the 6" stub out piping from the TC building. 6" PVC stub outs on the upstream (north) side of the sumps were installed with caps and backfilled. These stub outs will be tied in to the existing 6" vapor lines installed and terminated on the north side of the TC Building in 2005. John Heiser met with John Wingate in the PM to discuss interconnecting piping sizes located between T-101 and F-101/F-102 and between B-101/B-102 and F-103/F-104. The Submittal for F-101/102 read 10 in. flanges, the delivered equipment had 6 in flanges. The 6 in. flanges will work as designed, Submittal register will be updated.

Thermal Remediation Systems, Inc.(TRS) 7:00 AM ~ 4:45 PM
(1 Supervisor)

Jeff Fujita (TRS) on site at 0700 hours. Supervised two drill rig crews M-11 and B-61. Left site at 1645 hours. Left site at 1645 hours.

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM
(2 Drillers, and 4 helpers) Equipment: B-61(D-12) HSA drill rig, M-11 (D54) drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on and completed electrode F-4 to 100' bgs. Rig then moved to electrode location E-6.
2. The B-61 drill rig worked on and completed electrode H-2 to 100'bgs. Rig then moved to electrode location C-6.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

4. On-site conditions which resulted in delayed progress:
None

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

1. **Completed ERH Wells need plywood covers.**

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070103

Delivery Order #:06

Date: 1-03-2007

Weather: Mostly Sunny

Temp. (max & min): 50 - 75

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) Dave Klein and Mark Prostko (TN&A) on site at 650 hours. Security was onsite. ERM, TRS, ICS and Gregg Drilling on site at 0700 hours. Tailgate safety meeting at 0700 hours with crews. Safety topic today was the status of all open boreholes in ERH area and the need to secure these areas with safety cones and/or plywood.
- 2) 0900 hours TRS had a truckload of orange safety delineators (32) sent to the site to address the safety concerns brought about in the tailgate meeting.
- 3) Jacques Marcillac (TN&A) is scheduling the removal of a 20 CY rolloff container for the week of 1/8/07. Will provide further information to Rick Lainhart as it becomes available.
- 4) 0915 hours Farro Koochek (PIMA) and Christine Langfeldt (SCE) stopped at the site to inspect the Park metering cabinet. Farro offered that he would work on finding a copy of the Siemens shop drawing for the Park metering cabinet and provide to TN&A as early as the end of this week.
- 5) 1200 hours to 1530 hours ERM accepted and unloaded a large delivery of treatment equipment: The equipment received will be updated on the submittal list by Neil McCoy (ERM).
- 6) 1210 hours City of Maywood sent two technicians to the site to meet MP about a noise issue with two well vaults located on 59th street and the circle at the end of 59th street. There are neighborhood complaints about the noise when vehicular traffic travels over two of the well vault lids. MP confirmed that there is a nice problem.
- 7) 1230 hours Ken and Andrew Clevenger met with MP (TN&A) on site to go over the connection to condensate sump issue and review site conditions in order to provide a proposal and options to TN&A for making the tie-ins.
- 8) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - East side of W.W. Henry Compound, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1211)	.000	.536
Upgradient (1010)	.000	.734

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

2. Work performed by subcontractors on site and/or off site (include a complete description):

3.
Subcontractors:

Environmental Remediation, Inc.(ERM) 7:00 AM ~ 4:00 PM
(1 Supervisor, 1 Project Manager)

Neil Coy on site at 0700 hours. Neil accepted delivery and unloaded treatment equipment from ~1200 hours to 1530 hours. Materials will be inventoried and the submittal list updated to reflect what was received today.

Innovative Construction Solutions, Inc.(ICS) 7:40 AM ~ 4:00 PM (1 Supervisor and 3 technicians)

Salvador on site at 0740 hours. Assisted Neil with off loading all treatment equipment delivered today.

Thermal Remediation Systems, Inc.(TRS) 7:00 AM ~ 4:45 PM
(1 Supervisor)

Jeff Fujita (TRS) on site at 0700 hours. Supervised two drill rig crews M-11 and B-61. Met with Mark Prostko at 0745 hours to go over the location of electrode C-6. The location of electrode C-6 was moved ~ 2 feet to the northeast as there is a 6" PVC drain line shown on one of the drawings (C-3 Rev 14) in the proximity of the originally marked location. After a tailgate safety meeting with TN&A concerning the issue of open boreholes in the ERH area (TMP's, VR/CVR's completed to date), TRS mobilized 32 orange hi-visibility delineators to place in the open borehole locations.

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM
(2 Drillers, and 4 helpers) Equipment: B-61(D-12) HSA drill rig, M-11 (D54) drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on drilling and construction of electrode E-6 to 100' bgs.

The B-61 drill rig worked on drilling and construction of electrode C-6 to 100'bgs.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

4. On-site conditions which resulted in delayed progress:
None

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070104

Delivery Order #:06

Date: 1-04-2007

Weather: Mostly Cloudy

Temp. (max & min): 47 - 67

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) Mark Prostko (TN&A) on site at 650 hours. Security was onsite. ERM, TRS, ICS and Gregg Drilling on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was the use of high visibility safety vests on site, especially in the ERH area where there is a high traffic situation.
- 2) 1100 hours to 1205 hours weekly progress meeting. Participants included representatives from the USACE (John Hartley via phone), TN&A (Tim Garvey via phone, John Wingate via phone, Mark Prostko and Dave Klein at the site), and ERM (Neil Coy at the site, Jay Dablow, Rudy Millan and third ERM member by phone). Items discussed and results were:
 1. TN&A provided and reviewed the updated 3 week look ahead schedule.
 2. TN&A to obtain drawings from PIMA for Park metering cabinet.
 3. TN&A gave approval to ERM to relocate the air compressor desiccant air dryer to the west wall of TC (plan was for dryer to be located on north wall of electrical room).
 4. FTO has been rescheduled for delivery on or around 1/23/07.
 5. ERM and TN&A agreed to expose the connection points for the condensate sumps today. These areas were backfilled on Tuesday 1/2/07.
 6. Meeting is scheduled at the site for Friday 1/5/07 with ERM, TN&A, and USACE.
- 3) 1315 to 1415 hours Neil Coy (ERM) and Mark Prostko (TN&A) worked on exposing the condensate sump connection points and 6" VE termination locations.
- 4) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - East side of W.W. Henry Compound, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1211)	.000	1.279
Upgradient (1010)	.001	.714

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

**Environmental Remediation, Inc.(ERM) 7:00 AM ~ 3:30 PM
(1 Supervisor)**

Neil Coy on site at 0700 hours. Supervised ICS crew and assisted TN&A with uncovering the connection points for the seven (7) condensate sumps recently installed and the 6" PVC/CPVC VE lines on the north side of the TC Building.

Innovative Construction Solutions, Inc.(ICS) 7:30 AM ~ 3:30 PM (1 Supervisor and 2 technicians)

John Heiser, Jess Cuellar and Salvador on site today installing flanges on the existing treatment equipment currently on site inside the TC Building. Equipment delivered to the site yesterday 1/3/07 included the following equipment numbers:

F-501 & F-502, F-403 & F-404, H-401, T-101, T-201, T-401, T-901

**Thermal Remediation Systems, Inc.(TRS) 7:00 AM ~ 5:00 PM
(1 Supervisor)**

Jeff Fujita (TRS) on site at 0700 hours. Supervised two drill rig crews M-11 and B-61.

**Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM
(2 Drillers, and 4 helpers) Equipment: B-61(D-12) HSA drill rig, M-11 (D54) drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.**

1. The M-11 drill rig worked on completion of construction of electrode E-6 to 100' bgs.
2. The B-61 drill rig worked completion of construction of electrode C-6 to 100'bgs.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Inspected ERH area for open borehole locations. TRS and Gregg
Drilling installed 32 high visibility delineators over the open borehole
locations.

Foreseeable Issues

None

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Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070112

Delivery Order #:06

Date: 1-12-2007

Weather: Mostly Sunny Cool

Temp. (max & min): 50 - 62

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) Mark Prostko (TN&A) on site at 650 hours. Security was onsite. ERM, TRS, ICS and Gregg Drilling on site at 0700 hours. Tailgate safety meeting at 0715 hours with crews. Safety topic today was operating around exposed areas of underground piping and trip hazards (condensate sump piping).
- 2) ERM and ICS pressure tested three more 3 condensate sumps. DPE-A, DPE-C and VE-2 passed 5 psig test today.
- 3) MP spoke to Bruce Killion (QED) and Farro Koochek (PIMA) in the afternoon about exposition well remote panel readouts and also the Riverfront Park metering cabinet.
- 4) Drilling crew worked on completion of electrode well heads and topped off electrode boreholes with grout.
- 5) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - East side of W.W. Henry Compound, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	.026	3.237
Upgradient (1010)	.002	1.153

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Environmental Remediation, Inc. (ERM) 6:50 AM ~ 3:30 PM
(1 Supervisor and 1 project director)

Neil Coy on site at 0650 hours. Supervised the pressure test of VE-2, DPE-A and DPE-C. Provided a written inventory of fittings, valves, and flanges that are on site inside the building.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:30 PM (1 technician)
Jess Cuellar on site for a second pressure test on three condensate sumps not leaking under the TC slab. (DPE-A, DPE-C and VE-2) were pressure tested between 11:30 and 13:30 hours at 5 psig. Test passed. Jess spent the afternoon working on piping take-offs inside the building for interconnecting piping of treatment equipment.

Thermal Remediation Systems, Inc. (TRS) 7:00 AM ~ 4:30 PM
(1 Supervisor)

Jeff Fujita (TRS) on site at 0700 hours. Supervised two drill rig crews M-11 and B-61.

Gregg Drilling, Inc. (GDI) 7:00 AM ~ 4:30 PM
(2 Drillers, and 3 helpers) Equipment: B-61(D-12) HSA drill rig, M-11 (D54) drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig completed the completion of construction of electrode C7 to 100'bgs.
2. The B-61 drill rig worked on electrode heads and cement caps for B7, D7, E9 and C11 are planned for Friday 1/12/07.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.
[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):
Second pressure test was performed on VE-2, DPE-A and DPE-C with satisfactory (passing) results.

Deficiencies (Ongoing list and newly identified)
VE-3 found to be leaking at schedule 40 PVC 90 connection to 6"
CPVC stub up under the slab in TC Building.

Foreseeable Issues
None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: T N & Associates		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 20070118	Delivery Order #:06	Date: 1-18-2007
Weather: Mostly Sunny	Temp. (max & min): 42 - 69	Rainfall (in): 0
<p>1. Work performed today by primary contractor on site and/or off site:</p> <ol style="list-style-type: none"> 1) MP (TN&A) on site at 650 hours. Security was onsite. ERM, TRS, Gregg Drilling, ICS, and MK Environmental were on site at 0700 hours. Tailgate safety meeting at 0700 hours with crews. Safety topic today was HOUSEKEEPING. 2) Was advised at 0710 hours by Greg from TRS that there was vandalism/theft of approximately 300 feet of #2 AWG Teflon jacketed copper cable stolen from the pre-assembled electrode that was staged on the site on the ground near the southwest corner of the ERH area adjacent to the Park fence and newly constructed restroom facility. MP signed in all workers and walked the site to inspect progress and site conditions. 3) 0715 MP notified John Wingate and also notified the owner of OMT Security, Otis M. Thomas, of the incident. 4) F-402 (Water Filter 7.68" diameter) delivered today. 5) 1100 hours two boxes of fittings (Grainger, McMaster-Carr) for exposition well flanges prototype were delivered by UPS. 6) 1100 hours to 1200 hours weekly progress meeting. Participants included representatives from the USACE(Rick Lainhart, Jim Miller on site, John Hartley via phone), EPA (Rosie Caraway on site), TN&A (John Wingate via phone, Mark Prostko on site), and ERM (Neil Coy on site, Jay Dablow, Rudy Millan via phone) Items discussed and results were: <ol style="list-style-type: none"> 1. TN&A provided and reviewed the updated 3 week look ahead schedule. 2. ERM advised that the following equipment was expected to be delivered Friday (1/19/07): H-201A, H-201B, H-201C Air Chiller/Condenser Package and PLC. 3. ERM advised of a Prep Meeting update for interconnecting piping for Air and GW lines to be held Monday 1/22/07. 4. ERM advised that Jeffries Electric is planned to be back on site mid-week next week (1/24/07). 5. ERM and TN&A will schedule sometime next week with Neil Coy (ERM) for John Heiser to begin assembling first exposition well head with fittings that arrived today. <p>Please refer to the 3-Week Schedule for additional details.</p> 7) 1310 hours John Hartley called to the site and spoke to MP about site progress and schedule for next week. 8) TN&A announced Prep. Phase Meeting for Angle Drilling; to be coordinated ASAP between TRS, Cascade Drilling, TN&A and USACE. Details to follow as soon as meeting can be arranged. 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

- 9) 1415 hours MP called Farro (PIMA) about Riverfront Park metering cabinet and overhead lights inside the work area. Farro advised that his electrician (Albert) was out of work on sick leave. He is expected back next week to test out electric in Park including overhead lights. J.W. had also placed several calls to Albert regarding changing-out the 1200 Amp Park breaker and has not had a reply.
- 10) MP met with OMT Security personnel (Taylor) at 1630 hours. Otis was scheduled to meet MP but has postponed site visit until Friday 1/19/07. MP walked the site with OMT security and advised to park their vehicle in the ERH area. MP provided an additional large rechargeable flashlight to OMT Security for their use to provide additional light to the personal hand held flashlight they are using. OMT meeting for 1/19/07 will discuss liability for losses and modification of guard routines.
- 11) 2030 hours MP stopped back at the site. Was met at the locked gate by OMT Security person on guard (Taylor). MP Checked in to office trailer, then left site.
- 12) Dust monitoring was performed today. The location of the upgradient dust monitor location was changed today and noted in the log. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1135)	.000	0.202
Upgradient (1010)	.000	2.331

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Environmental Remediation, Inc.(ERM) 6:50 AM ~ 3:15 PM

(1 Supervisor)

Neil Coy on site at 0650 hours. Supervised ICS and MK Environmental. Reviewed days work with Mark at 1500 hours.

MK Environmental, Inc. (MK) 0700 AM ~ 12:30 PM

(1 Supervisor)

0700 hours Mark Garon on site. He reviewed electrical panels for VC unit and liquid ring blowers. Left site at 1230 hours.

Innovative Construction Solutions, Inc.(ICS) 7:00 AM ~ 3:30 PM (1 technician, 1 Supervisor)

Jess Cuellar on site at 0700 hours. Worked on housekeeping issues in the morning.

1. Installed 8" Valve (V-110) on T-101.
2. Installed 8" flanges and 90 degree elbow on F-101/F-102.
3. Accepted delivery of PVC pipe for interconnecting piping inside the TC Building.
4. Accepted and placed F-402 (water filter) inside the building.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Thermal Remediation Systems, Inc. (TRS) 7:00 AM ~ 5:00 PM

(1 Supervisor)

Greg Knight (TRS) on site at 0700 hours. Supervised two drill rig crews M-11 and B-61. Concurrently, Greg worked on construction of electrodes to be installed in the electrode locations being drilled.

Gregg Drilling, Inc. (GDI) 7:00 AM ~ 5:00 PM

(2 Drillers, and 3 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 (D54) drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on the drilling and construction of electrode of E10 to 100' bgs.
2. The B-61 drill rig worked on the drilling and construction of electrode of C8 to 100' bgs.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070123

Delivery Order #:06

Date: 1-23-2007

Weather: Mostly Sunny

Temp. (max & min): 45 - 72

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0650 hours. Security was onsite. ERM, TRS, Gregg drilling, Cascade Drilling and ICS were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was chemical exposure and inhalation, infection and skin absorption. Hazards Communications and MSDS sheets for all chemicals are in TN&A trailer. Fire Extinguisher and Eyewash inspection today by DK.
- 2) 0700 hours JH on site. MP called Siemens about Maywood Riverfront Park electrical equipment and replacement of 1200A breaker. Left message with Adrian Villegas (714) 763-3392.
- 3) 0730 hours AIS and LFR on site with 5 men for start-up of WW Henry compound.
- 4) 0830 hours Consolidated container pickup and replacement of 20 CY full container of C&D on site.
- 5) Rick Lainhart on site at ~0915 hours.
- 6) 1000 to 1120 hours Mobile Modular technician on site to troubleshoot and repair broken electrical outlets inside trailer. Found bad connections inside outlet under window in MP office. Made repairs. Outlets working again. Also removed, air filter, cleaned and replaced.
- 7) 1330 to 1400 hours Level A productions on site. MP took the Level A crew around the site for project update and H&S briefing.
- 8) 1430 to 1515 hours Neil Coy working on removing the MCC panel sheet metal piece located at the bottom of framed opening.
- 9) 1450 hours MP ordered from Grainger, Inc. two (2) NEMA 1 combination starters, two (2) 120V 30-110 degree range thermostats, two (2) 460V to 120V transformers, and six (6) thermal overload protectors for the Dayton 1/2HP 480V 3 phase dual exhaust fans located on the east wall of TC Building.
- 10) Dust monitoring was performed today. The location of the upgradient dust monitor location was changed today and noted in the log. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	.000	0.159
Upgradient (1010)	.000	5.896

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

3.

Subcontractors:

Environmental Remediation, Inc.(ERM) 6:50 AM ~ 5:15 PM

(1 Supervisor)

Neil Coy on site at 0650 hours. Supervised ICS crew installing piping inside TC Building. Worked on MCC panel in PM and removed the sheet metal opening for main conduits to allow more room inside entranceway for main conduits.

Innovative Construction Solutions, Inc.(ICS) 7:00 AM ~ 3:30 PM (3 technicians, 1 Supervisor)

Jess Cuellar, Salvador, John Heiser, and John Roehls on site at 0700 hours. Crew worked on pipefitting inside the TC Building:

1. Re-piped 8" CPVC piping for LRBs (B-101/B-102) and installed unistrut w/pipe clamps and bolted to the concrete floor.
2. Installed holding tank pump P-402 and 2" schedule 80 PVC piping, 2" wye (Y-402) strainer, 2" BV (V-422), and pump adjacent to water holding tank (T-402).
3. Installed transfer pump P-501, 2" schedule 80 PVC piping, 2" wye (Y-501) strainer, flow totalizer/indicator (FQI-501), and 2" BV (V-501) adjacent to moisture separator (T-101).
4. Installed 8" schedule 80 PVC tee, 8"x 90 degree elbow, 8" flange from vapor skid filter (F-101/F-102) to T-101.
5. Installed sump pump (P-502), 2" schedule 80 PVC piping, 2" CV (V-504), and 2" BV (V-505). Ground down edges of steel grate for protection of electrical wires.

Thermal Remediation Systems, Inc.(TRS) 7:00 AM ~ 5:30 PM

(1 Supervisor)

Jeff Fujita and Danny Baysa on site at 0700 hours. Supervised three drill rig crews M-11 (Gregg), B-61 (Gregg), and CME-75 (Cascade).

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:30 PM

(2 Drillers, and 4 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 (D54) drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

6. The M-11 drill rig worked on completion of installation of electrode E-12 to 100' bgs. Electrode completed up to 12' bgs.
7. The B-61 drill rig worked on drilling and installation of electrode C-9. Electrode completed up to 12' bgs.

Cascade Drilling, Inc.(Cascade) 7:00 AM ~ 5:30 PM

(1 Drillers, and 2 helpers) Equipment: CME75 HSA drill rig and support truck.

8. The CME75 drill rig worked on angle electrode location J-3. Drilled at 6 degree angle to 100' bgs. Installed it back to 48.5' bgs and placed cement grout.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

Safety Deficiency today by ERM. Improper use of step ladder. Top step of ladder was being used by employee from ICS.

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070124

Delivery Order #:06

Date: 1-24-2007

Weather: Mostly Sunny

Temp. (max & min): 45 - 75

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0645 hours. Security was onsite. ERM, TRS, Gregg drilling, Cascade Drilling, Level A Productions (film crew) and ICS were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was a reminder to the crews to use dust suppression methods on site due to extremely dry conditions. Use of water on haul roads and reduce speed of forklifts and support vehicles in the work zone. Reminded supervisors to complete safety inspection reports for vehicles.
- 2) 0700 to 1600 hours Level A crew (2 man crew) on site to document activities with video.
- 3) 0730 hours John Hartley and John Wingate on site. JW contacted the Bob Waldenburg (driver for FTO delivery) and was advised FTO would not be delivered Thursday 1/26/07 as planned. Truck in shop for repairs (clutch) in Wyoming.
- 4) Rick Lainhart on site at ~0845 hours.
- 5) ~0900 hours Bill Fink (TN&A Corporate Health and Safety Director) on site. Bill performed a safety audit of the site. Audit report will be provided when completed by Bill Fink.
- 6) MP worked on putting together technical information for Transmittal 16420N-6 (Submittal for starter, thermal overloads, transformer, thermostat and wiring schematic for 1/2hp 480V 3Ph exhaust fans). MP provided one copy of Transmittal 16420N-6 to Rudy Milan (ERM) and one copy to John Wingate. An additional copy remains on site for electrical contractor Dave Jeffries.
- 7) 1400 hours MP called Siemens about Maywood Riverfront Park electrical equipment and replacement of 1200A breaker. Left message with Jim Gablesburg (714) 763-3418. Jim Gablesburg returned call and advised to contact the Siemens sales representative for Crenshaw Electric and work with them.
- 8) 1530 hours JW contacted Crenshaw Electric Siemens distributor and provider of Maywood Riverfront Park electrical cabinet. JW then contacted Diane at Siemens.
- 9) JW spoke to truck driver for FTO and was advised delivery would be Friday 1/26/07 afternoon at the earliest. JW advised truck driver to consider Monday 1/29/07 AM as delivery date for FTO unit to allow time for rescheduling of crane and forklift subcontractors.
- 10) MP spoke to Clevenger about schedule for piping tie-ins on North side of TC Building. Clevenger is scheduled for Tuesday 1/30/07 with excavator.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

- 11) Dust monitoring was performed today. The location of the upgradient dust monitor location was changed today and noted in the log. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	.037	0.227
Upgradient (1010)	.021	1.083

2. Work performed by subcontractors on site and/or off site (include a complete description):

3.
Subcontractors:

**Environmental Remediation, Inc. (ERM) 6:50 AM ~ 4:30 PM
(1 Supervisor)**

Neil Coy on site at 0700 hours. Supervised ICS crew installing piping inside TC Building. Rudy Milan (Project Director) on site at 1035 hours to meet with JW and JH. Neil installed a plug (rag) within the 1 1/2" PVC stub piping at the bottom of VE-1. Two part epoxy 810A&B was then applied on top of the plug and allowed to set overnight. Additional epoxy will be applied on Thursday 1/25/07.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:30 PM (3 technicians)

Jess Cuellar and Salvador on site at 0700 hours. John Roels on site at 0845 hours. Crew worked on pipefitting inside the TC Building:

1. Crew cut down 6" schedule 80 PVC VE-1 line, installed plug in 1 1/2" PVC line at bottom of pipe and installed approximately 4 oz. of 810AB epoxy.
2. Cut back 6" schedule 80 PVC stub ups at VE-2, DPE-A, DPE-B and DPE-D. Installed 6" diameter x 24" length clear schedule 80 PVC with flanged ends. VE-2 installed 6" schedule 80 PVC riser and 6" x 6" x 3" tee reduced to 2".
3. Completed 2" schedule 80 PVC connection from P402 to T402 tee.
4. Installed 2" schedule 80 PVC tru-union CV (V-502)
5. Installed 36" +/- dual uni-strut pipe supports at 8" schedule 80 PVC on piping run from carbon adsorbers (T-301/T-302) and VC unit.

**Thermal Remediation Systems, Inc. (TRS) 7:00 AM ~ 5:00 PM
(1 Supervisor)**

Jeff Fujita and Danny Baysa on site at 0700 hours. Supervised three drill rig crews M-11 (Gregg), B-61 (Gregg), and CME-75 (Cascade).

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM

(2 Drillers, and 4 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 (D54) drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

6. The M-11 drill rig worked on completion of installation of electrode H10 to 100' bgs. Constructed electrode from 100' bgs up to 12' bgs.
7. The B-61 drill rig worked on drilling and installation of electrode D9 to 100' bgs. Constructed electrode from 100' bgs up to 12' bgs.

Cascade Drilling, Inc.(Cascade) 7:00 AM ~ 3:30 PM

(1 Drillers, and 2 helpers) Equipment: CME75 HSA drill rig and support truck.

8. The CME75 drill rig worked on completion of grouting electrode J3. Started drilling at 8 degree angle at electrode J4 encountered concrete at 7' bgs (old road surface). Drilled to 60' bgs. Secured rig for the day.

4. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None. FTO unit is delayed en route due to truck repairs. FTO unit will arrive Monday 1/29/07 1100 hours.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070126

Delivery Order #:06

Date: 1-26-2007

Weather: Mostly Sunny

Temp. (max & min): 54 - 70

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0650 hours. Security was onsite. ERM, TRS, Gregg drilling, Cascade Drilling, and ICS were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was discussion about electrical and electrical hazards. Inspect extension cords daily, use double insulated or properly grounded power tools, inspect all electrical outlets, use GFI circuit interrupters.
- 2) Rick Lainhart on site at ~0915 hours.
- 3) 1000 to 1210 hours Stan Jackson (Jacob & Heffner), MP, RL, and Neil Coy installed QED AP-4 pump in well DB-8 to depth of 92.50'. Pump was tested with portable air compressor using QED regulator. System worked well. Secured well and pump for the weekend. Will exercise the pump at DB-8 on Monday 1/29/07.
- 4) Belshire on site to remove three (3) 20 CY rolloff containers of drill cuttings and dropped two (2) empty 20 CY containers.
- 5) MP Worked on weekly report tally of electrodes and piping completed inside the TC Building.
- 6) MP arranged for Arrowhead to service water cooler on Monday 1/29/07.
- 7) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1135)	.001	0.356
Upgradient (1010)	.000	1.067

2. Work performed by subcontractors on site and/or off site (include a complete description):

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Subcontractors:

**Environmental Remediation, Inc.(ERM) 6:50 AM ~ 2:30 PM
(1 Supervisor and 1 Technician)**

Neil Coy on site at 0700 hours. Supervised ICS crew installing piping inside TC Building. Stan Jackson (Jacob & Heffner) on site to install AP-4 pump in exposition well DB-8. Installed QED AP-4 pump to 92.5' below well flange and tested out. Pump, regulator and cycle counter worked well. Circulated water back down the well. Remaining fittings for inside well vaults for the 31 remaining exposition wells are being ordered today.

**Innovative Construction Solutions, Inc.(ICS) 6:50 AM ~ 2:30 PM (2 technicians,
1 Supervisor)**

Jess Cuellar, John Roels, and Salvador on site at 0700 hours. Crew worked on pipefitting inside the TC Building:

1. Continued with the manifold for VE and DPE lines. Gear drive butterfly valve for VE-1 line (V-101) is being field fit and at lower elevation than V-102 through V-108 installed 1/25/07. Rick Lainhart and MP inspected and approved the field change due to building column location.
2. Installed eight (8) 6" schedule 80 PVC tees (VE-1, VE-2, VE-3, DPE-A, DPE-B, DPE-C and DPE-D interconnecting tees) and a tee between manifold and T-101.

**Thermal Remediation Systems, Inc.(TRS) 7:00 AM ~ 4:30 PM
(2 Supervisors)**

Jeff Fujita on site at 0700 hours. Danny Baysa on site at 1100 hours. Supervised two drill rig crews B-61 (Gregg) and CME-75 (Cascade). Three (3) 20 CY rolloff containers full of cuttings removed today.

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 4:30 PM

(1 Drillers, and 2 helpers) Equipment: B-61 (D-12) HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig was demobilized back to Gregg Drilling shop for scheduled repairs. Is scheduled to return on Monday 1/29/07.
2. The B-61 drill rig worked on drilling and installation of electrode G10. Drilled to 100' bgs, installed electrode and grouted back to 12.5' bgs.

Cascade Drilling, Inc.(Cascade) 7:00 AM ~ 5:45 PM

(1 Drillers, and 2 helpers) Equipment: CME75 HSA drill rig and support truck.

3. The CME75 drill rig worked on completion of angled electrode J4 to 100' bgs. Rig moved to electrode location J5 at 12 degree angle, drilled to 100' bgs and installed electrode back up to 62.5' bgs.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: T N & Associates		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 20070126	Delivery Order #:06	Date: 1-29-2007
Weather: Partly Cloudy	Temp. (max & min): 53 - 65	Rainfall (in): 0
<p>1. Work performed today by primary contractor on site and/or off site:</p> <ol style="list-style-type: none"> 1) MP (TN&A) on site at 0650 hours. Security was onsite. ERM, TRS, Gregg drilling, Cascade Drilling, and ICS were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was review of EM-385-1-1 Machinery & Mechanical Equipment Section 16 and Rigging Section 15. Review AHA04 and falling loads. Inspected CRAINCO rigging materials and removed nylon straps from service. Required CRAINCO to use steel slings and shackles for lifting the FTO off of truck. 2) Level A production film crew subcontractor on site at ~0730 hours. 3) John Wingate on site 0745 hours. 4) Greg Garrison (Gas Company) and three (3) technicians onsite at 0800 hours. Crew probed in the ERH area in the northern area to delineate potential gas leak discovered on December 27th, 2007. Gas Company will have lab perform soil sampling Wednesday 1/31/07 at 0930 hours. 5) Rick Lainhart (USACE) on site at ~0830 hours. 6) 0930 hours FTO unit arrived to the site. 7) 0940 hours CRAINCO on site with crane and operator. 8) Rosie Caraway (EPA) on site at ~950 hours. 9) 1000 hours an initial phase meeting for lifting the FTO unit from the delivery truck was held with, TN&A, the STI (truck driver with FTO unit), ERM, CRAINCO, Dunkel Bros, and USACE. Meeting conducted by JW (TN&A) and Dave Klein (TN&A). 10) 1100 to ~1330 hours FTO unit was unloaded and placed within the TC Building using CRAINCO 35 Ton crane and then Dunkel Bros. using two forklifts. 11) 1500 hours MP spoke to Ken Clevenger and QED (Bruce Killion) about scheduled work and fittings required for QED pump installation. 12) 1600 hours MP and John Hartley (USACE) discussed schedule for Tuesday 1/30/07 and Wednesday 1/31/07. 13) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below: 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	0.000	0.157
Upgradient (1010)	0.000	0.402

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Environmental Remediation, Inc.(ERM) 6:50 AM ~ 3:30 PM

(1 Supervisor, 2 Operators Dunkel Bros., Two (2) forklifts)

Neil Coy on site at 0700 hours. Supervised ICS/Jacob & Heffner crews installing piping inside TC Building. Dunkel Bros. on site with two (2) forklifts and two (2) operators to move FTO unit into place once CRAINCO spotted unit. Dunkel Bros. jockeyed the FTO unit inside the TC Building after CRAINCO placed it partially inside. Dunkel Bros. completed unloading the stack fittings and left the site at ~ 1300 hours.

Innovative Construction Solutions, Inc.(ICS) 6:50 AM ~ 3:30 PM (3 technicians, 1 Supervisor)

Jess Cuellar, John Roels, Salvador and new technician Larry Gill on site at 0700 hours. Crew worked on pipefitting inside the TC Building:

1. Continued with the manifold for VE and DPE lines. Installed VE-1 gear drive butterfly valve (V-101), installed two (2) 6" schedule 80 PVC 90's from VE-1 to manifold. Installed two (2) 6" flanges schedule 80 PVC, ~3' x 6" spool piece of schedule 80 PVC pipe, three (3) 6" schedule 80 PVC 90's, 1.5' piece of 6" schedule 80 PVC pipe, and connected to butterfly valve V-109 on inlet of T-101.
2. Outlet of T-101 installed 2- 6" schedule 80 PVC 90's, 1- 2.5' x 6" schedule 80 PVC pipe, 1- 3.5" x 6" schedule 80 PVC pipe to inlet of F-101/F-102.
3. Installed P-501 and connected 2" schedule 80 PVC suction line to T-101. Installed 2" schedule 80 PVC discharge including 2" PVC flanges at pump from P-501 with the following fittings: 2" PVC CV (V-502), 2" PVC BV (V-503), five (5) 2" schedule 80 PVC 90's, ~ 12' of 2" schedule 80 PVC pipe, four (4) 2" PVC flanges, and one 91) 2" schedule 80 PVC tee.
4. Installed flanged BV (V-505) at 90 degree for P-502 (sump pump) and installed 2" schedule 80 PVC x 6' long pipe stub.
5. Installed 3" schedule 80 PVC piping for F-403/F-404 filters. Installed 3" BV's (V-425, V-426, V-427, V-428 and V-429). Installed two (2) 3" schedule 80 PVC tees.
6. Installed 6" to 8" schedule 80 PVC thread x PVC adapter for inlet to B-301 (blower).

Jacob & Heffner 700 AM ~ 3:30 PM (2 technicians)

Stan Jackson and helper worked with the ICS crew with pipefitting work detailed above.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Thermal Remediation Systems, Inc. (TRS) 7:00 AM ~ 5:00 PM
(2 Supervisors)

Jeff Fujita on site at 0700 hours. Supervised three drill rig crews M-11, B-61 (Gregg) and CME-75 (Cascade).

Gregg Drilling, Inc. (GDI) 7:00 AM ~ 5:00 PM

(1 Drillers, and 2 helpers) Equipment: B-61 (D-12) HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on drilling and installation of electrode H-3 and grouted back to 12' bgs.
2. The B-61 drill rig worked on drilling and installation of electrode F-11 to 100'. Installed back to 50' bgs.

Cascade Drilling, Inc. (Cascade) 7:00 AM ~ 5:00 PM

(1 Drillers, and 2 helpers) Equipment: CME75 HSA drill rig and support truck.

3. The CME75 drill rig worked on completion of angled electrode J5 and grouted back to 12' bgs.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

Initial Phase meeting for lifting FTO unit and placing inside TC Building conducted at 1000 hours. Report will be provided as separate document.

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070131

Delivery Order #:06

Date: 1-31-2007

Weather: Partly Cloudy

Temp. (max & min): 50 - 68

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0655 hours. Security was onsite. ERM, Dave Jeffries electrical, TRS, Gregg Drilling, Cascade Drilling, ICS, Jacob & Heffner, MK Environmental were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was housekeeping, slips trips and falls with open excavation on north side of TC Building.
- 2) John Hartley on site ~0730 hours.
- 3) 0800 to 0930 Gas Company on site with lab to continue soil sampling in ERH area near electrodes F-4 and E-5 to delineate gas pipeline area to be excavated and repaired. MP and DK met with Greg Garrison (Gas Company Manager) and discussed Tuesday 2/6/07 as the first date for excavation and repairs to be made by Gas Company.
- 4) 0900 hours the three (3) thermal overloads for combination starters back ordered arrived today.
- 5) Rick Lainhart on site ~ 0900 hours. Was on site all day for inspections.
- 6) 1300 hours John Wingate and Edwin M. (Earth Tech) on site for an inspection of FTO unit. JW to provide details.
- 7) 1400 hours MP, JH and RL inspected the north side of the TC area where all pipes have been exposed for tie-in to TC Building.
- 8) 1500 hours MP met with Neil Coy and J&H crew to discuss scheduling well vault piping. Well vault piping will begin Thursday 2/1/07.
- 9) 1545 hours met with Dave Jeffries and JH to discuss exhaust fans in electrical and storage rooms. Agreed that TN&A would purchase two speed switches for the exhaust fans installed by CLEVECO.
- 10) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	0.000	0.114
Upgradient (1010)	0.000	0.590

2. Work performed by subcontractors on site and/or off site (include a complete description):

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 4:30 PM with one (1) hour lunch

(1 laborer/technician subcontractor)

Equipment: None

1. Technician hand excavated all lines on north side of TC exposed with Bobcat yesterday. Identified piping, marked pies and took photos. Unloaded and staged 1 1/2", 3" and 6" schedule 40 PVC pipe and fittings required for VE, DPE, GW, ABS and signal conduit tie-ins.

Environmental Remediation, Inc. (ERM) 6:50 AM ~ 3:30 PM

(1 Supervisor)

Neil Coy on site at 0700 hours. Supervised ICS/Jacob & Heffner and MK Environmental crews installing piping inside TC Building.

MK Environmental, Inc. (MK) 0700 AM ~ 4:00 PM

(1 Supervisor)

0700 hours Mark Garon on site. Worked on treatment equipment with ICS/ERM and J&H crew.

Jeffries Electrical 7:00 AM ~3:30 PM (1 Supervisor, 3 technicians)

Jeffries Electric crew remobilized today. Crew worked on the following:

1. Moved main power panel to the north 3" to provide clearance for northernmost 4" PVC electrical main power conduit in the electrical room.
2. Relocated VC Package control panel on north wall TC Building near west side of northern rollup doorway to accommodate the 8" schedule 80 PVC piping to FTO unit.
3. Installed ~ 40' of 2" steel conduit overhead from VC package (H-201A-B) control panel towards the electrical room using the unistrut supports installed previously.
4. Installed wiring from LRB motors (B-101/B-102) to LRB control panel.

Innovative Construction Solutions, Inc. (ICS) 6:50 AM ~ 3:30 PM (3 technicians)

Jess Cuellar, John Roels, and Salvador on site at 0700 hours. Crew worked on pipefitting inside the TC Building:

1. Installed three (3) 3" schedule 80 PVC 90's and ~ 30' of 3" schedule 80 PVC pipe from F-403/F-404 to T-303/T-304.
2. Installed 8" schedule 80 PVC pipe x ~6', two (2) 8" schedule 80 PVC 90's between B-301 and tied into T-301/T-302.
3. Cut down 6" schedule 80 PVC outer containment pipe stub ups for GW-1, GW-2 and GW-3 inside TC Building along north wall. Installed three (3) 3" schedule 80 PVC couplings, three (3) 3" schedule 80 PVC pipe x ~3' and installed CV's V-401, V-403, V-405 and BV's V-402, V-404 and V-406.
4. Installed 3" schedule 80 PVC bulkhead fitting, 3" schedule 80 PVC x MPT adapter, 3" schedule 80 PVC 90 and 2' length of pipe from T-101 (inlet to T-101 from GW header).
5. Installed two (2) 8" schedule 80 PVC 90's, 8" schedule 80 PVC x ~2' pipe and flame arrestor FA-301 between 8" line from T-301/T-302 and VC package.
6. Installed air compressor piping 1 1/2" galvanized steel pipe from receiver tank T-601, installed BV's V-601, V-604, V-605, CV-101 solenoid, and regulator R-601.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Jacob & Heffner 7:00 AM ~ 3:30 PM (2 technicians)

Stan Jackson and Sal Sanchez worked with the MK Environmental and ICS with pipefitting work detailed above.

**Thermal Remediation Systems, Inc.(TRS) 7:00 AM ~ 6:00 PM
(1 Supervisor)**

Paul Bianco on site at 0700 hours. Supervised three drill rig crews M-11, B-61 (Gregg) and CME-75 (Cascade).

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM

(1 Drillers, and 2 helpers) Equipment: B-61 (D-12) HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on completion of electrode G-3 and started drilling on electrode location G-4. Drilled and completed electrode back to 12' bgs.
2. The B-61 drill rig worked on drilling and installation of electrode F-10 to 12' bgs.

Cascade Drilling, Inc.(Cascade) 7:00 AM ~ 5:00 PM

(1 Drillers, and 2 helpers) Equipment: CME75 HSA drill rig and support truck.

3. The CME75 drill rig continued to work on installation of electrode J6 to 10' bgs. Rig moved to electrode J7 and began drilling.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: ERM		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 20070131	Delivery Order #:06	Date: 1-31-2007
Weather: Partly Cloudy	Temp. (max & min): 50 - 68	Rainfall (in): 0
<p>Work performed today by ERM and subcontractors on site and/or off site:</p> <p>ERM, Dave Jeffries electrical, ICS, Jacob & Heffner, MK Environmental were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was housekeeping, slips trips and falls with open excavation on north side of TC Building.</p> <p>Environmental Remediation, Inc.(ERM) 6:50 AM ~ 3:30 PM (1 Supervisor+1 QA Supervisor) Neil Coy on site at 0700 hours. Supervised ICS/Jacob & Heffner and MK Environmental crews installing piping inside TC Building. Debbie Taege on site at 0800 to perform QA duties.</p> <p>MK Environmental, Inc. (MK) 0700 AM ~ 4:00 PM (1 Supervisor) 0700 hours Mark Garon on site. Worked on treatment equipment with ICS/ERM and J&H crew.</p> <p>Jeffries Electrical 7:00 AM ~3:30 PM (1 Supervisor, 3 technicians) Jeffries Electric crew remobilized today. Crew worked on the following:</p> <ol style="list-style-type: none"> 1. Moved main power panel to the north 3" to provide clearance for northernmost 4" PVC electrical main power conduit in the electrical room. 2. Relocated VC Package control panel on north wall TC Building near west side of northern rollup doorway to accommodate the 8" schedule 80 PVC piping to FTO unit. 3. Installed ~ 40' of 2" steel conduit overhead from VC package (H-201A-B) control panel towards the electrical room using the unistrut supports installed previously. 4. Installed wiring from LRB motors (B-101/B-102) to LRB control panel. <p>Innovative Construction Solutions, Inc.(ICS) 6:50 AM ~ 3:30 PM (3 technicians) Jess Cuellar, John Roels, and Salvador on site at 0700 hours. Crew worked on pipefitting inside the TC Building:</p> <ol style="list-style-type: none"> 1. Installed three (3) 3" schedule 80 PVC 90's and ~ 30' of 3" schedule 80 PVC pipe from F-403/F-404 to T-303/T-304. 2. Installed 8" schedule 80 PVC pipe x ~6', two (2) 8" schedule 80 PVC 90's between B-301 and tied into T-301/T-302. 3. Cut down 6" schedule 80 PVC outer containment pipe stub ups for GW-1, GW-2 and GW-3 inside TC Building along north wall. Installed three (3) 3" schedule 80 PVC couplings, three (3) 3" schedule 80 PVC pipe x ~3' and installed CV's V-401, V-403, V-405 and BV's V-402, V-404 and V-406. 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

4. Installed 3" schedule 80 PVC bulkhead fitting, 3" schedule 80 PVC x MPT adapter, 3" schedule 80 PVC 90 and 2' length of pipe from T-101 (inlet to T-101 from GW header).
5. Installed two (2) 8" schedule 80 PVC 90's, 8" schedule 80 PVC x ~2' pipe and flame arrestor FA-301 between 8" line from T-301/T-302 and VC package.
6. Installed air compressor piping 1 1/2" galvanized steel pipe from receiver tank T-601, installed BV's V-601, V-604, V-605, CV-101 solenoid, and regulator R-601.

Jacob & Heffner 7:00 AM ~ 3:30 PM (2 technicians)

Stan Jackson and Sal Sanchez worked with the MK Environmental and ICS with pipefitting work detailed above.

Quality Assurance/Quality Control Notes:

Begin QA of treatment system construction to date (plumbing/equipment). Slight modifications from P&ID observed. Discussed with Neil and ICS and these changes have been approved, but need to be updated on the final red-line drawings. One complete set of dwgs have been brought to the site and all red-lines need to be updated and initialed on this copy. Mark and Neil will complete this and keep the official red-line set in the TN&A trailer.

ERM and ICS discuss possible support issues with skid clips (4").

Outcome: Resolved and will anchor the skids per skid design (bolt through manufactured hole into concrete).

On-site conditions which resulted in delayed progress:

None.

Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified): None

Foreseeable Issues: None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY ERM AND EACH ERM SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Debbie Taege

Contractor's designated quality control representative